

Next GARS meeting is
March 8, 2011
Saint Marguerite D'Youville Church
85 Gloster Road
Lawrenceville, GA 30044

The **GARzette**

The official newsletter of the Gwinnett Amateur Radio Society
Feb 2011 <http://www.gars.org/> Volume 20, Issue 3



A note from the President

We had our elections at a nice cozy February meeting and re-elected the same slate of officers we had for 2010. The program was interesting and it certainly was different in the small room at St. Marguerite's. We are still looking for a new home for GARS. We have several good options at this point, but none of them have panned out just yet. If you do have an idea, I would love to hear it. With that being said, the March meeting will be at St. Marguerite's in the classroom again.



Back in January at the Gwinnett ARES meeting, Eddie WD4JEM did a magnificent program on Radio Direction Finding (RDF), otherwise known as “fox hunting.” There are several of us interested in fox hunting, and Eddie's program sparked some new and renewed interest in the subject. A couple of us discussed it and GARS is going to hold an RDF antenna build in either March or April. We are leaning toward building the venerable “tape measure” antenna. The type of antenna, the time, and location will be announced in a week or so, once we iron out the details. One thing we are planning is to have a very short distance fox hunt teaching session right on the premises after we are done. Keep your ears open for the announcement and hopefully we can have a nice turn out.

Wishing you good health, good wealth, and good hamming,

Kyle W4KDA

SECOND SUNDAY

SECOND SUNDAY in North Georgia means another “ARC” Know-Our-Hobby session.

I’m sure many of you have heard about the SECOND SUNDAY sessions held at PDK. Bill Perkins, KB4KFT, was the originator and sponsor for about 4 years. After such a long time, Bill had decided it was enough of finding programs and making announcements each month. The Atlanta Radio Club has picked up the ball and SECOND SUNDAY lives on. I occasionally attend. Each session has been a great learning experience and generally a chance to share experiences with other hams. If nothing else, I learn what so many of us take for granted when talking about our hobby. Little things like why do we build a half wave antenna instead of a full wave? What velocity is as relates to wire and coax? How to build a 2 meter vertical? What can NVIS really do for you trying to make close in contacts.

The February program was building dipole antennas. And yes, they convinced Bill, KB4KFT, to put on the program. Bill took a few minutes with theory. He made sure we understood the replacement of 468 with 492 for a closer match on the first try. The idea was to build a 10 meter dipole or vertical. The parts were simple and the separator for the dipole or base for the vertical was either a 5/8 dowel or block of wood. We used screw-in eyelets and washers for fastening points. There was a drill, hardware and wire enough for everyone to have a try at building an antenna.

Maybe 20 were in attendance and all had a good time. Probably 15 went home with a new antenna. Sure the antennas were designed for field or temporary use. But they served as a great learning tool and could easily be a template for more permanent antennas.

My compliments go out to the leadership of Atlanta Radio Club for picking up this great monthly event. SECOND SUNDAY is open to all local hams. For information on the next SECOND SUNDAY, just watch the ARC web site (www.w4doc.org).

73, *Norm* WA4ZXV

The GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by email to n4gyn@arri.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other amateur radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Norm Schklar, who prints and distributes the news letter. Deadline for submissions is the 20th of each month for inclusion in the following month's issue.

Meetings are held on the 2nd Tuesday of each month at 7PM.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN
770-689-6620 or n4gyn@arri.net

Program for MARCH meeting...

“K4L Sapelo Special Event” given by Harold Hawkins, KD8DVY.

K4L

Special Event Station

DX Lighthouse Expedition

IOTA - NA058 USA738 and USA1014

GRID: EM91 USIsland: GA007 (www.usislands.org)

August 4-8, 2010



K4L is the special event station issue by the ARRL. Call Sign is limited use.

K4L active from 8/4/2010 23:00 UTC - 8/8/2010 - 00 :00 UTC

Kennehoochee ARC (W4BTI) (www.w4bti.org)

Lighthouse On the AIR Expedition to Sapelo Island, GA.

Lighthouse - USA 738 and USA 1014

Initial Operation Frequencies suggested frequencies from ILLW (as band permits)

IOTA CW: 1.830, 3.530, 7.030, 14.030, and 21.030 and 28.030 MHz

IOTA SSB: 1.950-1.990, 3.950-3.990, 7.250-7.290, 14.250-14.290, 21.350-21.390, 24.950, 28.350-28.390 MHz (Call on centered .70 kHz)

Digital Modes: PSK, 1.838, 3.580, 7.035, 14.070, 21.080, 24.920, 28.070

RTTY: Standard . 70 kHz above PSK

6m: 50.175 (Only)

HEAR ALL ABOUT IT!

BE SURE TO JOIN US FOR THIS EXCELLENT PRESENTATION!

(above info obtained via http://www.w4bti.org/k4l_sapelo_island.html)

10 meter Lexpedition Monday Feb. 24th.

By Larry Whited WB4FGF

"Anyone around?" "This is WB4FGF atop Stone Mountain calling." "This is W4GA," a strong voice crackles over the speaker of my Yaesu FT-100D. "This is what it's all about", I think as I start the preamble to one of Atlanta's most successful L expedition 10 meter on-the-air get-together QSO parties.

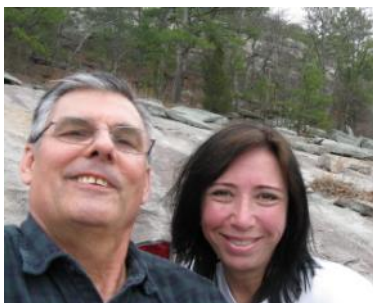
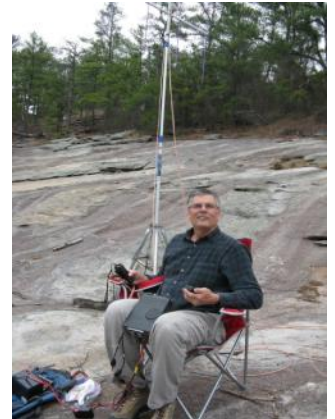
We have been preparing for this event for several weeks now. Our gear consists of three antennas which include a ham stick dipole, a vertical made from an 11 meter antenna cut off by 3 inches with a tuned counterpoise wire and finally a four element Arrow portable 2 meter antenna. We have this all attached to a 12 foot painters pole balanced by a 4 foot tripod. The tripod is secured to a large flat rock underneath with a length of shock cord. One shock cord guy backs against the rather stiff breeze blowing from the southwest. We catch our breath after the vigorous climb from the bottom of "The Rock." Karen, KJ4VQI, is carrying the AGM 12 aH battery and the radios, the FT100D for HF and the IC 92A/D for fm; a coax switch and 3 coaxial cables in her back pack; and I am hauling the canvas tote with the tripod, antennas and push-pole. With a nod to civilized operation, I threw in a folding canvas chair. Lunch is stowed away in my hydration backpack.



Upon arrival we spent 15 minutes at the bottom of the mountain detained by the SM police regarding our "suspicious" packages and nefarious plans. After going through the ranks of the police we finally got cleared by the communications director by name dropping "Alford Memorial" and speaking of our ARES and other civic activities. Wow, perhaps we need to pre-plan and approve these activities in the future! Who would have thought? *"Suspicious couple plans overthrow of Stone Mountain" :-)*

Having tested the rigs, we are well prepared as the clock ticks toward 12 noon, the official start of the 10 meter L expedition. I have already talked to a station on Pine Mountain as well as KB4KFT Bill on his fine portable station over on West Paces Ferry. 28.430 MHz is fairly hopping with activity by the time the starting call is made. I find it quite a juggling act talking on both the HT and the FT100 all at the same time. Quite frankly—well it doesn't get much better than this.

As I look back on Monday, February 21, I have to think that portable operation is going to be big with us. Karen and I are already planning for the next 10 meter outing. Lets do this again soon Bob!



Here are the check-ins, 29 in all, as reported by net manager, Bob Mantel, W4GA:

WD4DX, WB4FGF, WB4CAB, KC9OHX, W4YBB, K4WIT, KJ4VQI, KI4KGK, AK4O, KD4UKW, N4TOL, LU/5N7ET, NA4O, KL7HOT, KI4DSO, KB4KFT, KD4SGN, WE4U, K4JPC, KF4UPO, KJ4MIJ, W4GCL, KJ4VO, KC4TVZ, NA4JW, WA4ZXV, k4JFF, KG4NWK, KD4YDD, LU3TMC.

Yes, even Argentina was in for a few minutes!

THE LOST ART OF CABLE LACING

By Dan Romanchik, KB6NU

The Make Magazine blog <<http://blog.makezine.com/>> is a wealth of information for amateur radio operators. Recently, they ran a post on what they consider to be on the "lost technology" of cable lacing <<http://blog.makezine.com/archive/2009/07/lost-knowledge-cable-lacing.html>>.

The blog post does a great job of explaining the technique and includes several illustrations. One of them <http://cdn.makezine.com/make/blogs/blog.makezine.com/upload/2009/10/lost_knowledge_cable_lacing/cableLacing6b.gif> is a drawing from an old ARRL handbook. There is also a link to the Wikipedia page on cable lacing <http://en.wikipedia.org/wiki/Cable_lacing>.

Nowadays, we mostly use zip ties to bundle cables, but there are disadvantages to using them. For one thing, to apply them properly, you should have a tool that controls how tightly the zip tie holds the wires. This is to prevent crushing the insulation.

Also, I've found that zip ties don't do so well when the cable has only two or three wires. They're just not designed to hold so few wires. I think that cable lacing would do a much better job of keeping a small bundle of wires together, say wires that connect front panel components to a PC board.

Cable lacing certainly looks much cooler than zip ties. This is the perfect technique for those homebrewers that want to make their projects look great as well as work great.

I asked on my blog, "Now, where can I find the 'wax-impregnated cotton or twine'?" and my readers came through. Hamilton said, "Apparently you find wax string here: <http://www.kitkraft.biz/product.php?productid=1496>. I remember using it for something as a kid, but I can't place it." Ron McKenz wrote, "I notice that a number of Telco vendors sell waxed lacing cord. Here are a few URLs: <http://www.sourcetelsupply.com/catalog/index.php?cPath=27>, <http://www.tessco.com/yts/resourcecenter/pdfs/clablelacing-FAQ.pdf>, and <http://www.oelsales.com/product.cfm/267/>.

Ned, WB4KBO, said, "I would suggest a large roll of dental tape and a large-diameter curves sewing needle for fabricating harnesses. I was told that this was the material of choice for lacing harnesses when I worked at Heath Company many years ago. Makes sense to me. Buy it at Meijer for an occasional harness, or a dental wholesale supply house if you are going into production. Also great stuff for kite rigging, vine lacing and many other things."

Mike, WA6ARA wrote, "What you want is Mil-T-43435. It is better than a cord, it is a flat weave tape, nylon, and waxed. It is made for cable lacing but is use now in the parachute industry as "super tack". Item T1050 at <http://www.paragear.com>"

So, there you have it. Links to show you how to do it, and a couple more links for where to find the lacing material. I now expect all of our homebrew to look a lot neater.

=====

When not worrying about how to lace cable instead of using zip ties, Dan, KB6NU, blogs about ham radio at www.kb6nu.com, teaches ham radio classes, and operates CW on the HF bands. Look for him around 7.030 MHz or e-mail him pictures of your beautifully-laced cables at cwgeek@kb6nu.com.

GEORGIA HAMFEST CALENDAR 2011

- **03/19/2011 | [Kennehoochee Hamfest](#)**

Location: Marietta, GA **Type:** ARRL Hamfest **Sponsor:** Kennehoochee Amateur Radio Club
Website: <http://W4BTL.org> [Learn More](#)

- **04/23/2011 | [Calhoun Hamfest](#)**

Location: Sugar Valley, GA **Type:** ARRL Hamfest **Sponsor:** Cherokee Capital Amateur Radio Society
Website: <http://www.k4woc.com> [Learn More](#)

- **05/07/2011 | [Heart of Georgia Hamfest](#)**

Location: Byron, GA **Type:** ARRL Hamfest **Sponsor:** Central GA ARC, Middle GA Radio Assn., Byron Middle School ARC, & Macon ARC
Website: <http://www.wa4ort.com> [Learn More](#)

- **05/14/2011 | [Ellijay Hamfest](#)**

Location: Ellijay, GA **Type:** ARRL Hamfest **Sponsor:** Ellijay Amateur Radio Society
Website: <http://www.ngamtn.com/w4hhh/index.php> [Learn More](#)

- **06/04/2011 | [Georgia State Convention \(Atlanta Hamfest\)](#)**

Location: Marietta, GA **Type:** ARRL Convention **Sponsor:** Atlanta Radio Club
Website: <http://www.atlantahamfest.com> [Learn More](#)

- **07/30/2011 | [Newton County Hamfest](#)**

Location: Covington, GA **Type:** ARRL Hamfest **Sponsor:** Newton County Radio Club
Website: <http://www.ncrcga.org> [Learn More](#)

- **10/08/2011 | [LaGrange Hamfest](#)**

Location: LaGrange, GA **Type:** ARRL Hamfest **Sponsor:** LaGrange Amateur Radio Club
Website: <http://www.lagrangeradioclub.org> [Learn More](#)



GQP 50th Anniversary
APRIL 9 & 10 2011

[Georgia QSO Party](#)

Annually, the second **full** weekend of April
There are two operating periods:
1800Z Saturday until 0359Z Sunday
1400Z to 2359Z on Sunday



**JOIN ARRL
- OR -
RENEW YOUR ARRL
MEMBERSHIP
THROUGH GARS**

Help the GARS Treasury by applying for ARRL membership or renewing your ARRL membership through GARS. By applying for ARRL membership through GARS we are able to keep \$15.00 of the normal membership fee for our Treasury. We can keep \$2.00 from each renewal.

Show your support for both organizations by applying through GARS.

Ralph Pickwick – KJ4CNC, GARS Treasurer, will have the ARRL applications at the monthly meetings for your use. We only ask that you don't wait till the last minute to renew, as we will only be sending the applications to ARRL on a monthly basis. We will only be accepting personal checks with the applications (no PayPal).

If you have any questions concerning this process, please contact Ralph at KJ4CNC@arrl.net.



UPCOMING HAMFEST CALENDAR

BirmingHAMFEST March 5, 2011
Alabama Section Convention
Location: Birmingham, AL
Type: ARRL Convention pending Executive Committee approval
Sponsor: Birmingham Amateur Radio Club
Website: <http://w4cue.com>

**58th Annual
Kennehoochee Hamfest**

Saturday, March 19, 2011
8am to 3pm

Jim R Miller Park
2245 Callaway Road, Marietta, GA

([Google Map](#))

ONLINE REGISTRATION CLICK HERE

- Dealers • Flea Market • Bone Yard • FCC Exams •
- Two indoor arenas • Covered bone yard area •
- Free parking • Handicapped accessible •
- RV hook-ups/camping • Food •

\$6 at the gate Pre-register \$5
(by February 28)
Children under 12 free

Vendor Setup: Friday, March 18, 2011 11 AM
to 8 PM

24 hour security by Cobb County Police - RV
hook-ups/camping, first come first served

For information send email
Don Heppe W5LGK -
w5lgk@bellsouth.net

KARC Repeater Talk-in on
146.880 (-) PL 100

[Booklet Flyer Download \(pdf\)](#)

BSA Venture Crew 73 Wants You

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology, Venture Crew 73 is for you.

- Venture Crews are part of the Boy Scouts of America.
- Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.
- Venture crew 73 is coed.
- Meetings are on the second Tuesday of the month, 7:00 p.m., at the St. Marguerite D'Youville Catholic Church, 85 Gloster Rd. NW, Lawrenceville, GA 30044.
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- o Camping
- o Hiking
- o Horseback Riding
- o Shooting Sports

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY
Venture Crew 73 Committee Chairman
Phone: 770-712-9069
Email: committeechair@venturecrew73.org

Jeff Lee, AF4JL
Venture Crew 73 Advisor
Phone: 678-475-3165
Email: advisor@venturecrew73.org



GARS Officers and Committee Chairs

Kyle Albritton, W4KDA
President

Earl Whatley, AF4FG
Vice President

Hal Collier, W4IGE
Secretary

Ralph Pickwick, KJ4CNC
Treasurer, Apparel Manager

Sandy Jackson, KJ4DRO
Program Manager

Dave Bruse, W4DTR
Membership Chairman
VE Team

David Adcock, KA4KKF
Webmaster, Field Day Chairman

Dorothy Jubon, N2DLJ
Public Information Officer

Norm Schlar, WA4ZXV
TechFest Chairman

Ray Bailey, N4GYN
GARzette Editor

Bill Cherepy, WB4WTN
W4GR Trustee

Eddie Foust, WD4JEM
Repeater Chairman

Mike Weathers, ND4V
WAS-Checker

Joel Barrett, W4JOL
Net Manager

Mike Swiderski, K4HBI
Technical Advisor

GARS Communications

2 Meter Repeater
147.075(+) MHz
82.5 PL Tone

2 Meter Repeater
147.255(+) MHz
107.2 PL Tone

APRS
144.390 -- 1200 Baud
W4GR

6 Meter Repeater
53.110 (-1 MHz)
82.5 PL Tone

D-Star
WD4STR
145.060 + (1.4 MHz)
440.550 + (5 MHz)

70 Cm Repeater
444.525(+) MHz
82.5 PL Tone

Main Repeater Site
Oak Street, Lawrenceville

Backup Repeater Site
Lanier Mountain, Snellville

**The following members are
celebrating birthdays
in March:**

HAPPY BIRTHDAY!!

From All of Us at GARS

Rich Arland	K7SZ
Jody Ackermann	KC8KDC
Jason Hilborn	KD4BGE
Cecil Duncan	KD4ZEM
Lewis Eberhardt	KE4QOV
Herbert Allen	KI4RMC
Perry Luthi	KI4YYY
Michael Clinton Dabney	KI4ZVY
DAVID SCHACHER	KJ4BWO
Vester Scott	N8EKA
Kevin Hoynoski	W3PIG
David Bruse	W4DTR
Ed Woodrick	WA4YIH

GARS Recurring Calendar

- Monthly club meeting is the 2nd Tuesday of the month at 7 p.m. Check the website <http://www.gars.org> for location.
- Every Monday at 8 p.m.: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater.
- Every Wednesday at 9 p.m.: GARS 6-meter net on the GARS 6-meter repeater.
- Every Saturday at 7:30 a.m.: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville.

**Meeting Minutes
GARS General Meeting February 8, 2011**

1. Kyle Albritton, W4KDA, President, called the meeting to order at 7:03 pm.
2. Introductions of first time visitors and others present were made.
3. BUSINESS:

Treasurer's Report - Ralph Pickwick, KJ4CNC

GARS will start accepting ARRL memberships and renewals that will be forwarded to the ARRL. GARS receives a portion of every transaction.

GARS received a thank you letter from the ARRL for the \$500 contribution that GARS made to the scholarship fund.

4. COMMITTEE REPORTS:

Membership – Dave Bruse, W4DTR, reported the following:

- ♦ Kevin Hoynoski, W3PIG, voted in as new member
- ♦ Billy Zeyher, AB4RH, voted in as new member
- ♦ Dennis Weaver, KJ4ZUA, voted in as a new member
- ♦ Brian Jones, KD4UYP, voted in as a new member
- ♦ GARS has 180 total members and 145 paying members

Programs — Sandy Jackson, KJ4DRO, announced the programs for upcoming meetings:

- ⇒ **March** program will be "K4L Sapelo Special Event" given by Harold Hawkins, KD8DVY.
- ⇒ **April** program will be "Elmers and Mentors, or How I Became a Gentleman Antenna Farmer" given by Ralph Pickwick, KJ4CNC.
- ⇒ **May** program will be "King Spark and Blue Lightning" given by Hal Kennedy, N4GG.

5. Steve Back, WB2OGY, reported that Venture Crew 73 went to a scouting event in Gatlinburg, TN with 5 of their members. They assisted with audio visual setup at the event. They are going to setup an HF station at the event next year.
6. David Harden, KJ4CMY, announced a forum for new hams on Feb 15th called "Enhancing Your Ham Radio Experience". On March 15th, there will be a session where attendees will build a J-Pole antenna.
7. Bill Cherepy, WB4WTN, reminded members to contact their representatives about HB67 and HB127. Both of these bills affect amateur radio.
8. Norm Schklar, WA4ZXV, announced the GA QSO Party on April 9-10. GARS sponsors 2 plaques for the event.

(Continued next page)

(Meeting Minutes cont.)

9. Kyle Albritton, W4KDA, announced that the GARS repeater has a playback function. For details, see the repeater section on www.gars.org.
10. Kyle Albritton, W4KDA, announced that the club is looking for someone to volunteer as net manager.
11. The club voted unanimously to volunteer for a fourth day at the upcoming Dog Show in August. Volunteers will now be needed for Thursday, Friday, Saturday and Sunday.
12. Kyle Albritton, W4KDA, announced that the club is looking for alternative meeting locations. Members were encouraged to make suggestions for new meeting locations.
13. The Nomination Committee report was presented as follows:
 - President – Kyle Albritton, W4KDA (incumbent),
 - Vice-President – Earl Whatley, AF4FG (incumbent),
 - Treasurer – Ralph Pickwick, KJ4CNC (incumbent),
 - Secretary – Hal Collier, W4IGE (incumbent), and
 - Program Manager - Sandy Jackson, KJ4DRO (incumbent).
14. The president then opened the floor for additional nominations, there were none and those nominated were elected.

Break

The program was "Frequency Measuring Tests -- From Both Ends of the Path" by John Ackerman, N8UR. .

Prize drawings.

The meeting was adjourned at 8:56 pm.

Hal Collier W4IGE, Secretary

What's new on the WEB SITE?

The web site now features an upload and download section. Any file (amateur radio related) that you would like to share with the web site, you may post.

The file size limit is 6MB.

You should notice a change to the user menu. It will change when you log in to give you more options.

Are you using the web site to renew your membership?
Do you get the GARZETTE from the web site?

73, *David* KA4KKF



Calendar for March 2011 (United States)



March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8 GARS Meeting	9	10	11	12
13 Daylight Savings Time	14	15	16	17 St. Patricks Day	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
Phases of the moon: 4:● 12:☾ 19:☾ 26:☾						

Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at www.arrl-ga.org.

First Saturday, Even Months

9 a.m.
EOC Building
Butch Nitz, AF4FS
(770) 968-8780

First Wednesday

7 p.m.
ARRL/VEC
Roberts School
4681 School Street, Acworth
Jodi Escher AG4BK
(770) 387-1591

Second Saturday, Odd Months

ARRL VEC
8:30 a.m.
Stone Mountain Methodist Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Third Saturday

CA VEC
9 a.m.
Latter Day Saints Church
Room 107
95 Holt Road NE
Marietta, GA 30068
David Still, WB4RRD
(707) 973-2566

Third Sunday

W5YI VEC
3 p.m.
Lawrenceville Masonic Lodge
465 S. Perry St.
Lawrenceville, GA 30044
(770) 963-5721

(cont. next column)

Ham Exam results for February 2011

We had 7 VE's and 2 candidates.

VE's present:

Frank Sauciunas	KF4TQV
Bill Cherepy	WB4WTN
Steve Back	WB2OGY
Karen Prescott	KJ4VQI
Royce Stovall	KD4EXY
Brian Page	N4TRB
Mark Fehlig	WA6NGC

Ham exam results:

One upgrade to General
One failed Extra

Thanks to all the Volunteer Examiners that help keep Amateur Radio alive and well.

73, *Frank Sauciunas* KF4TQV

Fourth Tuesday

ARRL VEC
7 p.m.
United Way Service Center
6279 Fairburn Rd.
Douglasville

Fourth Sunday

2:30 p.m. Georgia Tech
VanLeer Elec. Building Rm.
W218 77 Atlantic Dr.
See www.w4aql.com
Alexander G. Carver
(404) 894-2936
acarver@ece.gatech.edu

Metro Club Meetings

First Tuesday

Kennehoochee ARC
Southern Polytechnic
State University
Meeting begins at 7:30 PM
Talk In 146.880(-)

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30 PM
Talk In -146.820(-)
N.E. Georgia ARC
Commerce Public Library
Meeting is at 6:30 PM
Talk In - 147.225(+)
PL 123.0

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00 PM

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Intersection of Annistown
Rd & Spain Rd
Stone Mountain
Dinner at 6:00 PM
Meeting at 7:30 PM
Talk In - 146.760(-)

Second Saturday

North GA QRP Club
Wieuca Baptist Church on
Peachtree Rd/Wieuca,
at 10:00 AM

Third Tuesday

North Fulton Amateur Radio
League
Masonic Lodge
194 Milton Avenue
Alpharetta, Georgia
meeting at 7:30 PM
Talk In - 145.47(-)

GARS

APPAREL ORDER FORM

NAME: _____

PHONE # _____

CALL: _____

(To avoid errors, please PRINT legibly)

NAME TO BE EMBROIDERED: _____

CALL SIGN TO BE EMBROIDERED: _____

ITEM	SIZE	QUANTITY	PRICE	TOTAL
T-SHIRT				
Red WITHOUT name & call			\$20.00	
White WITHOUT name & call			\$20.00	
Red WITH name & call			\$20.00	
White WITH name & call			\$20.00	
GOLF SHIRT -- WITHOUT name & call				
Red			\$24.00	
White			\$24.00	
GOLF SHIRT -- WITH name & call				
Red			\$28.00	
White			\$28.00	
SWEATSHIRT				
Red WITHOUT name & call			\$30.00	
White WITHOUT name & call			\$30.00	
Red WITH name & call			\$30.00	
White WITH name & call			\$30.00	
LIGHTWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$31.00	
WITH name & call			\$35.00	
HEAVYWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$41.00	
WITH name & call			\$45.00	
GARS BADGE -- WITH name & call			\$9.00	
HAT -- WITHOUT name & call				
Red			\$9.00	
White			\$9.00	
HAT -- WITH name & call				
Red			\$16.00	
White			\$16.00	

TOTAL ORDER PRICE: _____

Please attach your check made payable to GARS and return to Ralph Pickwick, KJ4CNC or mail to:

GARS

P.O. Box 88

Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items. Some items may need to be special ordered.

Thanks and 73s! -- Ralph KJ4CNC

GWINNETT AMATEUR RADIO SOCIETY

P.O. BOX 88
LILBURN, GA 30048



MEMBERSHIP APPLICATION

- ☐ NEW MEMBER
☐ RENEWAL

Name: _____ Call Sign: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____

Home Phone: _____ Cell Phone: _____

Work Phone: _____

Date of Birth: ____/____/____ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

Interests: _____

Type of Membership

- ☐ Individual \$30.00 annually
☐ Student \$15.00 annually
☐ Senior \$15.00 annually (over age 65)
☐ Family ** \$35.00 annually

** Available for family members residing at the same address

Optional Contributions

Repeater Fund: \$ _____

Scholarship Fund: \$ _____

Additional Family Members **

Name: _____ Call Sign: _____

Date of Birth: ____/____/____ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

Name: _____ Call Sign: _____

Date of Birth: ____/____/____ (mm/dd/yyyy) ARRL Member (circle one): Yes No Life

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant's Signature: _____ Date: ____/____/____

FOR OFFICIAL USE ONLY:

App Received: ____/____/____

Amount Received: \$ _____

Member Approved: ____/____/____

Old Exp Date: ____/____/____

☐ Cash Check #: _____

☐ Recorded In Membership Database

New Exp Date: ____/____/____

Revised 10/14/2010



PRUDENTIAL GEORGIA REALTY

SHARON ADCOCK

404-428-9127

sharon@sharonadcock.com

You need an expert on your team
when buying or selling real estate.
10+ years experience of listening
and filling YOUR needs.



Prudential
Real Estate

www.sharonadcock.prudentialgeorgia.com

GARS Specialist

Top Negotiator

Top Agent



Helping hams with the sale and purchase
of their properties takes extra time, effort
and dedication. Not every agent is willing
to make that commitment. Call me for when
you or your friends and family are ready to
make a move

References available upon request.

WORLD WIDE DISTRIBUTION



Mark Holmes
Manager
KJ4VO

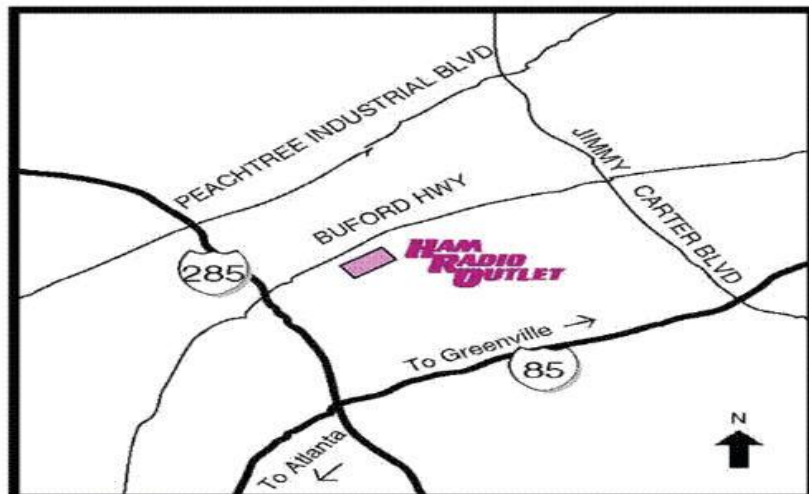
6071 Buford Highway
Atlanta, GA 30340 (Doraville)
770-263-0700 1-800-444-7927
Fax: 770-263-9548
e-mail: atlanta@hamradio.com
hours: 10 a.m. - 5:30 p.m. Mon.-Sat.

John, KI4LMA
Dale, W4GCL

Bill, W5RQR
Jim, N1ABM

David, AI4XL
Josh, W4JDH

Tom, KB4HQA
Brian, WD4DX



Alinco
Icom
Japan Radio Corp.
Premier
ADI
Yaesu
Alpha Delta
Arrow
Butternut
Create
Kenwood
Tarheel
Heil
West Mountain

Cushcraft
Diamond
Force 12
Hustler
Hy-Gain (Telex)
KLM
Larsen
M2
Valor
Van Gorden
MFJ
Ameritron
Comet